



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael J. Imperiale
Serial No. : 09/488,867
Filed : January 21, 2000
Title : NOVEL REPLICATION DEFICIENT ADENOVIRUS VECTORS AND METHODS FOR MAKING AND USING THEM

Art Unit : 1635
Examiner : B. Whiteman

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Commissioner for Patents
Washington, D.C. 20231

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RESPONSE

In response to the action mailed July 1, 2002, the time for responding having been extended to December 1, 2002, by the accompanying petition and fee under Rule 1.136, please amend the application as follows:

In the claims:

Cancel claims 12, 15, 16, 28, 29, 30 and 36-39.

Amend claims 1, 2-9, 13, 17-20, 23-27, 31-35 and 40-42 as follows:

1. (Twice Amended) A vector system for selectively packaging a replication defective adenovirus nucleic acid sequence in an adenovirus capsid based on adenovirus serotype, the vector system comprising:
 - (a) a first adenovirus nucleic acid sequence comprising:
 - (i) 5' and 3' adenovirus inverted terminal repeats (ITRs);
 - (ii) a first adenovirus serotype-specific cis-acting packaging sequence; and
 - (iii) a heterologous nucleic acid operably linked to a transcriptional control sequence;
 - (b) a second adenovirus nucleic acid sequence comprising:
 - (i) 5' and 3' adenovirus ITRs;

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December 2, 2002

Lucille M. Begalle

Lucille M. Begalle